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## MAPHTHALENE PRODUCTION INCREASES

WARSAW GASWORKS PRODUCES MAPHTHALENS -- Recorpospolita, No 138, 21 May 49

Production of sublimated naphthalene is very important to the Polish economy. Maphthalene is not only a household item but is important in the production of synthetics and is in great demand for the dyestuffs industry.

In the early postwar, years, the maphthalene production of the chemical plant in Hajduki in Gorny Slask entirely satisfied the demand. As our synthetics industry developed and as interest in Polish maphthalene was evidenced abroad, production of the Hajduki plant could not satisfy the demand. To alleviate the situation, the chemical plant of the Warsaw Gasworks started the production of sublimated maphthalene.

Before the war, the Warsaw plant was not equipped with naphthalene presses and could only reprocess the compressed naphthalene purchased in Slask.

After the war, despite many difficulties and slow deliveries of materials, the workers in the Warsaw plant, with the help of a small crew of fitters "ithout exetches or specifications, assembled the presses and the equipment for distilling maphthalene. In March 1948 this plant began compressing maphthalene, and in April of this year production of sublimated maphthalene in flake form was started. This plant was also responsible for solving the raw materials problem, using westeresin oil and crude gasworks tar.

The innovation of utilizing waste resin oil was suggested by the manager and the engineer of the plant. The process consists of distilling the resin oil and crystalizing crude naphtbalene out of the naphtbalene fractions.

Obtaining naphthalene from crude gasworks tar is an achievement of equal value.

Maphthalene is usually obtained from coke-oven tar which has a naphthalene content of about 8 percent, whereas gasworks tar has a content of not more than a percent. With the careful collection of all oil fractions of gasworks tar which are known to have a large naphthalene content, the chemical plant can obtain orude naphthalene by redistillation and successive crystallization.

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The profit thus obtained can be seen from the fact that the Chemical Plant sells one kilogram of naphthalene contained in commercial cils for 12 zlotys, whereas the price of one kilogram of naphthalene in flake form is about 50 zlotys.

At present, the chemical plant of the Warsaw Gasworks produces on the average of 15,000 kilograms of sublimated naphthalene monthly, which is a good portion of the domestic production of commercial naphthalene.

SALT SPRING YIELDS ICDINE, BROWING -- Rzeczpospolita, No 149, 1 Jun 49

While drilling for natural gas in Debowiec, Cieszyn Powiat, Gorny Slask Wojewodztwo, a salt spring containing icdine and bromine was discovered. The spring will be exploited intensively in the near future for its valuable supply of icdine and bromine.

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